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bal-loon (b2-loon') n. 1. A bag inflated with a gas, as helium, that causes it to rise and float in the atmosphere. 2. A toy consisting of an inflatable rubber bag. —v. 1. To expand or cause to expand like a balloon. 2. To ride in a balloon. 3. To increase quickly. —balloon/like or the provider of the provider o loon ist n.

balloon - bank'

balloon tire n. A pneumatic tire with a wide tread, inflated to low pressure and designed for maximum cushioning, bal-lot (bâl'st) n. 1. A paper used to register a vote. 2. The act or a method of voting. 3. A

list of candidates for office. 4. The total of votes cast. 5. The right to vote. -v. To cast a

ball-park (bôl'park') n. 1. A baseball stadium. 2. Slang: The approximately proper range, as of an estimate. —ball'park' adj. ball-point pen (bôl'point') n. A pen with a small self-inking ball bearing as its writing

ball-room (bôl'room', -room') n. A large

room for dancing. bai-ly-hoo (băl'ê-hoō') n. Informal. 1. Sensational or exaggerated advertising. 2. Noisy

talk or uproar. —bal'ly-hoo' v. balm (bam) n. 1. A fragrant oil or ointment used medicinally. 2. Something that soothes, heals, or comforts

halm-y (ba'me) adj. -i-er, -i-est. I. Having the quality of balm : mild and soothing, 2. Slang. Insane : crazy. —baim'i-ly adv. —baim'i-ness n.

ba-lo-ney (bo-lo'ne) n. 1. var. of BOLOGNA. Slang. Nonsense.

bal-sa (bôl'sa) n. A tropical American tree, Ochroma lagopus, with extremely light, buoyant wood

sam (bôl'səm) n. 1. A fragrant resin or ointment obtained from various trees. 2. A tree that yields balsam, esp. the balsam fir. 3. A plant of the genus Impatiens cultivated for its colorful flowers.

balsam fir n. An American evergreen tree, Abies balsamea, often used as a Christmas

Bal-ti-more oriole (bôl'tə-mòr', -mòr') n. An American songbird, Icterus galbula, the male of which has brilliant orange, black, and white plumage.
bal-us-ter (bal'a-star) n. One of the upright

posts supporting a handrail.
bal-us-trade (băl'o-străd') n. A handrail and

the balusters that support it.
bam-boo (bam-boo) n. Any of various tall,

usually woody tropical grasses of the genus Bambusa with hollow, jointed stems. ham-boo-zle (bim-boo'zal) v. -zled, -zling.

Informal. To deceive : trick. (ban) v. banned, ban-ning. To forbid:

prohibit. —n. An official prohibition.

ban² (bân) n., pl. bani (bã'nê). —See table AL CURRENCY

nal (bə-nāl', nāl', bā'nəl) adi. Lacking freshness: trite. —ba-nal'i-ty n.
ba-nan-a (ba-nan'a) n. A treelike tropical or

subtropical plant of the genus Musa, esp M

sapientum, with hanging clusters of crescentaped edible pulpy fruit

band¹ (bănd) n. 1. a. A strip used to encircle or bind. b. A strip used to trim, finish, or reinforce. 2. A range of radio wavelengths. To encircle, bind, or identify with a band. band* (band) n. 1. A group of persons or animals. 2. A group of musicians who play in an ensemble. —v. To form, assemble, or unite in

ban-dage (băn'dli) n. A strip of material used to dress a wound. -v. -daged, -dag-ing. To put a bandage on.

ban-dan-na or ban-dan-a (băn-dăn'ə) n. A large brightly colored, usu. patterned hand-

band-box (bānd'bŏks') n. A cylindrical box

for carrying articles of apparel.

ban-deau (băn-dô') n., pl. -deaux (-dôz') or
-deaus. 1. A narrow band, esp. for the hair. 2. A brassiere

ban-de-role or ban-de-rol (băn'də-rôl') n. A narrow forked streamer or flag.

bart-dit (bān'dīt) n. 1. A robber. 2. A gangster. —ban'dit-ry n. ban-do-leer or ban-do-lier (băn'do-lîr') n.

A belt, esp. for cartridges, that is worn over the shoulder.

band saw n. A power saw in the form of a continuous toothed metal band driven around 2 wheels.

band-stand (bănd'stănd') n. An often roofed platform for a band or orchestra. band-wag-on (band'wag'an) n. 1. A wagon

used to carry musicians in a parade. 2. Informal. A cause or party that gathers increasing approval or support.

ban-dy (băn'dē) v. -died, -dy-ing. 1. To toss back and forth. 2. To exchange casually or frivolously. - adj. Curved ourward < bandy

bane (ban) n. 1. A cause of harm or ruin. 2. A

—adv. Exactly: precisely.
bang² (băng) n. often bangs. A fringe of hair

cut short, esp. across the forehead.

pan-gle (băng'gəl) n. 1. A rigid bracelet or anklet, esp. one with no clasp. 2. An ornament that hangs from a necklace. bang-up (bang'up') adj. Informal. Excellent

<a bang-up party>
ban-ish (ban'ish) v. 1. To oblige to leave a

country: exile. 2. To drive away: expel. * Syns: DEPORT, EXILE, EXPATRIATE, EX-PEL, OSTRACIZE — ban'ish-ment n. PEL, OSTRACIZE — ban'ish-ment n. ban-is-ter also ban-nis-ter (ban'i-star) n. 1.

A baluster. 2. The handrail of a staircase. ban-jo (băn'jō) n., pl. -jos or -joes. A fretted stringed instrument with a narrow neck, a hollow circular body, and usu. 5 strings. ban'io ist n.

bank! (băngk) n. 1. A piled-up mass, as of earth or snow. 2. A slope of land adjoining a body of water, as a nver 3. An elevation of

the sea floor. 4. The sideways slope of a surface on a curve or of a motor vehicle round ing a curve. -v. 1. To border or protect with a bank. 2. To pile up in a bank. 3. To cover (a fire) with ashes or fuel for slow burning. 4. To construct (a curve) with a slope rising to the outside edge. 5. To tilt (an aircraft) laterally

in flight.
bank* (băngk) n. 1. An establishment that performs financial transactions such as re-ceiving, investing, and lending money. 2. A supply of or storage place for something desired or needed <a blood bank> —v. 1. To deposit (money) in a bank. 2. To transact business with a bank. 3. To operate a bank. -hank'er n

(băngk) n. 1. A group of things arranged in a row <a bank of elevators> 2. A row of oars.

bank-book (bangk'book') n. The depositor's book in which a bank enters deposits and withdrawals.

bank holiday n. A day on which banks are legally closed.

bank note n. A note issued by an authorized bank and acceptable as money. bank-roll (bangk'rol') n. Informal. A person's ready cash: funds. —v. To underwrite

the expense of

bank-rupt (băngk'rupt', -rapt) n. A debtor who is judged legally insolvent and whose re-maining property is administered for or divided among the creditors. -adi. 1. Finanruined, esp. legally declared bankrupt. 2. Utterly lacking: depleted < bankrupt of com-passion>—bankrupt' v. —bankrupt' cy n. ban-ner (ban'ər) n. 1. A piece of cloth attached to a staff and used as a standard by a monarch or commander. 2. A flag. -adj. Un-

usually good : outstanding. ban-nock (băn'ək) n. A usu. unleavened griddlecake made of oatmeal or barley.

anns (bănz) pl.n. An announcement, esp. in church, of a forthcoming marriage.
ban-quet (băng'kwit) n. 1. An elaborate feast.

2. A ceremonial dinner. -v. To entertain at partake of a banquet.

tban-quette (bang-ker') n. 1. A platform lining a trench or parapet wall for guns or gunners. 2. S U.S. A sidewalk. 3. A long upholstered seat against or built into a wall. ban-shee (băn'shē) n. A female spirit in

Gaelic folklore whose wailing warns of a

ban-tam (băn'tam) n 1. One of a breed of small domestic fowl. 2. A small but aggressive person. - ban'tam adi.

ban-ter (băn'tər) n. Good-humored, teasing conversation. -v. To engage or indulge in

Ban-tu (băn'too) n., pl. -tu or -tus. 1. A large group of related languages spoken in C, E, and S Africa. 2. A member of a Bantu-speaking people. - Ban'tu adi.

ban-yan (băn'yən) n. A tropical tree, Ficus benghalensis, with many aerial roots that grow downward to form additional trunks han-zai (hān-zi') n. A lananese hattle cry or

ha-o-bab (ba's-bab', bou'-) n. A tree, Adansonia digitata, of tropical Africa, with a trunk up to 30 ft in diameter and hard-shelled fleshy



bap-tism (băp'tiz'əm) n. 1. A Christian sac nent of spiritual rebirth symbolized by the ritual application of water. 2. An ordeal by which one is initiated -handis'mal adi.

Bap-tist (bap'tist) n. A member of a Protestant denomination that practices voluntary adult baptism by immersion.

bap-tis-ter-y also bap-tis-try (băp'ti-strê) n.,pl. -ies also -tries. A place, esp. a part of a church, where the ceremony of baptism is

bap-tize (băp-tiz', băp'tīz') v. -tized, -tiz-ing. I. To sprinkle with or immerse in water during baptism. 2. To initiate. 3. To christen. -hap-tiz'er n.

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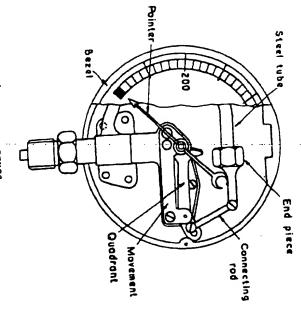
(bar) n. 1. A rather long, rigid piece of solid material used esp. as a fastener or sup-port. 2. A solid block of a substance <a bar of soap>13. An obstacle: barrier. 4. A long, narrow marking, as a stripe. 5. a. The railing in a court room enclosing the area where the lawyers and defendants sit. b. A system of law courts. c. The legal profession. 6. Mus. A vertical line that divides a staff into equal measures. 7. a. A counter where drinks are served. b. A place with such a counter. -v. barred, bar-ring. 1. To fasten with or as if with bars, 2. To prohibit : forbid. 3. To keep out : exclude. -prep. Ex-

cept for : excluding.
barb (bārb) n. I. A sharp backward-pointing projection, as on an arrow, 2. A cutting remark. 3. Bot. A hooked bristle or hairlike pro-

jection. —barbed adi. bar-bar-i-an (bar-bar-ë-ən) n. 1. A member of a people or culture thought of as being primive, uncivilized, or savage. 2. A fierce or cruel person. 3. A person lacking in culture: boor.
—bar-bar'i-an adi. —bar-bar'i-an-ism n.
bar-bar-ic (bār-bār'ik) adi. 1. Of, relating to,

or characteristic of barbarians. 2. Crude in taste, style, or behavior. har-ha-rism (hār ha-riz am) n. 1. An act. cus-

tom, or trait marked by coarseness or brutal-



Tigure B.13 Bourdon pressure gauge

bow saw A thin-bladed saw held in tension by a special frame or sometimes by a

box (a) A portion of a mechanism resembling a box such as a valve box. (b) A bearing for a shaft.

box angle plate A metal box or cube with slots machined in the face for the accurate,

box coupling (muff coupling) A cylindrical coupling, split longitudinally, for uniting two lengths of coupling or connecting two shafts, the halves being bolted mounting of work. together and keyed to the shafts. Also known as "sleeve coupling." See also but

box end A connecting rod with no loose strap end but with the brasses thrust into slot from one side, slid along their seatings and tightened with a cotter.

box jig A jig made in the form of a box into which the job to be drilled is inserted $\frac{\partial \hat{H}}{\partial x}$ located by suitable pins and faces. (See Figure J.2.)

box link A slot link with the internal faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed so that the edges act as additional faces recessed act and the edges act as additional faces. tional bearing surfaces. See also link.

box loom A loom provided with several shuttle boxes.

box of tricks (escape motion) The building motion of a fly frame which regult cach layer of roving is laid on the bobbin. the speed of the bobbin, reverses the traverse of the lifting rail and reduces this

> box (boxed) standard The main framework of a machine or engine, hollowed internally to provide the maximum of strength with the minimum of material

box tools Combinations of separate tools secured in a box for attachment to the faces of a lathe turret. See turret head.

bracket A support for a machine part

bracket chain wheel sprocket

brake A device or mechanism for applying frictional resistance to the motion of a brake; drum brake; froude brake; hydraulic brake; multiplute disc brake; body and thereby absorbing mechanical energy by transferring it into heat (a) to pneumatic brake; spring-set brake; rope brake. See air brake; band brake; block brake; brake shoes; centrifugal brake; disc retard a vehicle, or (b) to measure the power developed by an engine or motor.

brake band. The strap or band encircling a brake drum.

brake block Blocks of material for applying a frictional force in a brake. See also brake lining.

brake drum (a) A drum or pulley attached to a wheel (or shaft), to which is applied buildings. Also called a "winding drum." brake, Figure B. 14. (b) A large drum used for winding the rope which lifts and an external band or internal brake shoes. See band brakes; internal expanding lowers the cage in a colliery or pulls the trucks in quarries or operates the lifts in

brake horsepower (bhp) The horsepower developed by an engine as measured by a brake or dynamometer applied to the driving shaft.

brake lining Asbestos-based fabric riveted or bonded to the shoes of internal exsame time, to provide a renewable surface. Cf. brake shoes. panding brakes to increase the friction between them and the drum and, at the

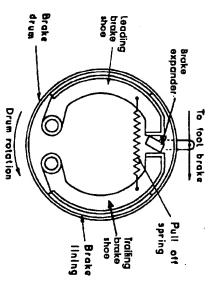


Figure B. 14 Internal expanding brake.

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1

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boun-ti-ful (boun'ta-fal) adj. 1. Giving liberally. 2. Copious : plentiful. -boun'tiful-ly adv.

boun-ty (boun'tê) n., pl. -ties. 1. Liberality in giving. 2. Something liberally given. 3. A reward, payment, or inducement, esp. one given by a government for the performance of services beneficial to the state.

bounty hunter n. One who hunts predatory animals or outlaws for a bounty. bou-quet (bō-kā', bōō-) n. 1. Cut flowers fas-tened in a bunch. 2. The fragrance typical of

a wine. bour-bon (bûr bon) n. A whiskey distilled

from a fermented mash.

bour-geois (boor-zhwa', boor'zhwa') n., pl. -geois. A member of the middle class. bour-geois adi.

bour-geoi-sie (boor zhwā-zê') n. The middle class as opposed to the nobility or the work-

bourgeon (bûr'jen) v. var. of BURGEON. bout (bout) n. 1. A match : contest. 2. A length of time spent in a particular way <a

bout of drinking><a bout of mumps> bou-tique (boo-tek') n. A small shop selling fashionable clothes and accessories.

bou-ton-nière also bou-ton-nière (boorn-ir', -yar') n. A flower worn in a buttonhole. Bou-vier des Flan-dres (boo-vya' da flan'dərz, flān'drə) n. A large, rough-coated dog orig, used in Belgium for herding and guarding cattle.

bou-zou-ki (boo-zoo'ke, ba-) n. A Greek stringed instrument similar to a mandolin. bo-vine (bō'vīn', -vēn') adj. 1. Of or resembling an ox or cow. 2. Sluggish: dull.

bow1 (bo) n. 1. A weapon consisting of a curved stave strung taut from end to end and used to launch arrows. 2. A rod with horsehair the tainth arrows. 2. A root with instead to play the violin, viola, and related stringed instruments. 3. A knot usu, having 2 loops and 2 ends. 4. A rainbow. —v. 1. To bend into a bow. 2. To play (a stringed instrument) with

bow2 (bou) v. 1. To bend (the head, body, or knee) as an expression of greeting, consent, or courtesy. 2. To comply: submit. —bow out. To withdraw: resign. -n. The act or an in-

stance of bowing. bow³ (bou) n. The forward part of a boat. bowd-ler-ize (bōd'la-rīz', boud'-) v. -ized, -iz-ing. To expurgate (e.g., a book) prudishly.
-bowd'ler-i-za'tion n.
bow-el (bou'əl, boul) n. 1. An intestine, esp.

of a human being. 2. often bowels. The di-gestive tract below the stomach. 3. bowels. The interior <the bowels of the ship>

bow-er (bou'ar) n. A shaded, leafy recess : arbor. —bow'er-y adj. bow-front (bô'frûnt') adj. Having an

outward-curving front, as a bureau. bow-head (bô'hěd') n. A large-headed whale,

Balaena mysticetus, of Arctic seas. bow-ie knife (bo'e, boo'e) n. A thick-bladed single-edged hunting knife.

bow-knot (bô'nôt') n. 1. A knot with large

decorative loops. 2. A bowtie. bowl¹ (böl) n. 1. A hemispherical vessel fa liquids or food. 2. A bowl-shaped part, as of a spoon, 3. A bowl-shaped theater or stad -bowi'ful n.

bowi (bôi) n. L. A large wooden ball rolled in certain games. 2. A roll of the ball, as in bowling. -v. 1. To take part in the game of bowling. 2. To roll (a ball) in bowling. over. To surprise : astound.

bow-leg (bō'leg') a. A leg with outward cusvature in the region of the knee. -bow leg-

bowl-er' (bô'lar) n. One that bowls.

bowl-er' (bo'lar) n. esp. Brit. A derby has. bow-line (bo'lin, -lin') a. A knot with a loop that won't slip.

bowling (bô'ling) v. 1. A game played by rolling a ball down a wooden alley in order to knock down a triangular formation of 10 pins. 2. A similar game, as skittles.

bowling alley n. 1. A smooth, level lane used for bowling. 2. A place containing bowl-

bow-man (bô'man) a. An archer.

bow-sprit (bou'sprit', bô'.) n. A spar that ex-tends forward from the stem of a ship.

bow-string (bô'string') n. The string tied to either end of an archer's bow.

how tie (bô) n. A small necktie tied in the shape of a bow knot.

box (boks) n. 1. A usu. rectangular container, typically having a lid. 2. The amount that a box holds. 3. A separated compartment in a theater for the seating of a small group.

4. Baseball. A designated area where the batter, pitcher, or coaches stand. 5. An awkward situation: predicament. —v. To put in or as

box2 (boks) a. A blow with the hand. -v. L. To hit with the hand, 2. To take part in a boxing match (with).

ing match (with).

box' (bóks) n. pl. box or box-es. An every
green tree or shrub of the genus Buxus, esp.

B. sempervirens, having hard, yellowish wood.

and used for hedges. box-car (boks'kar') n. An enclosed railway car used for transporting freight. car used for transporting freight.
box-er¹ (bōk'sər) n. One who boxes, esp. as a

profession.

box-er' (bok'sar) n. A short-haired dog origing the din Germany, with a brownish coat and square muzzle.

box-ing (bok'sing) n. Full-cut undershorts.

box-ing (bok'sing) n. The sport of fighting with the fists, usu. with padded gloves.

box office n. A ticket office, as of a stadium.

or tneater.

box spring n. A bedspring consisting of a frame enclosed with cloth and containing rows of coil springs.

boxwood (boks wood) n. 1. The box tree.

2. The hard wood of the box tree. boy (boi) n. A male child or youth. —inter--Used to express mild astonishment, dis-

gust, etc. —boy'h-—boy'ish-ly adv. bov-cott (hoi'kōt') ing or dealing with —boy'cott' n. boy-friend (boi'fré:

companion or swee

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Boy Scout n. A : boys' organization t: velopment and citiz boy-sen-ber-ry (be bramble hybridized various blackberrie large, wine-red, edit Br symbol for BROM bra (brā) n. A brassibrace (bras) n. 1. A supporting beam, th weight 3. Med. An . a part of the body. bands and wires fir crooked alignment. to connect several like handle for secu braces, esp. Brit. Su things. —v. braced. with or as if with a impact or danger. 3. brace-let (bras'llt)

encircling the wrist.

brack-en (brák'ən) aquilinum, with tou bracken. brack-et (brak'it) n one arm of which is: face, the other arm weight, as a shelf. 2. by brackets. 3. Eithe: used to enclose print A classification or gr according to income means of a bracket. 2 3. To group together briny. —brack'ish-n bract (brákt) n. A lea the stalk of a flower brad (brád) n. A sm brae (brá) n. Scot. A brag (brág) v. bragge assert boastfully. brag-ga-do-ci-o (bra 1. A braggart. 2. a. E. rogant manner : coc brag-gart (brág'ərt) Brah-ma (brā'mə) Hindu triad who cre Brah-man (bra'ma: (-ma). The divine re

Hinduism, the etern.

being originates and

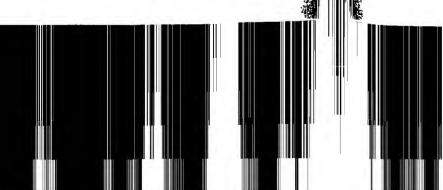
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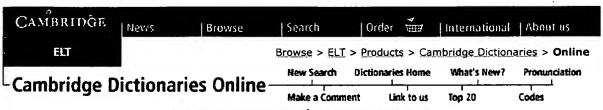
Brah-min (-min). On

reloped in the S U.S.

-Brah'man-ism' o.

shoulders







box (CONTAINER) / baks / noun [C]

a container with stiff sides, shaped like a rectangle, or the contents of such a container a cardboard/cereal box

a box of chocolates (= the container and its contents)

A box is also a small space on a form marked by lines in the shape of a square: If you want to receive electronic updates, put a check in the box.

A box is sometimes a small enclosed place: the jury box

A **box office** is a place in a theater where tickets are sold.

box /baks / verb [T]

to put (something) in a box

Someone from the nursing home must have boxed up his clothes. [M] (FIG.) My car was boxed in (= blocked) by two other cars, and I couldn't get out. [M]

To **box** someone **in** is to limit their choices in a difficult situation:

Reagan appears to have boxed himself in, committed to military action or looking weak and foolish if he does nothing.

(Cambridge Dictionary of American English)



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APPENDIX E



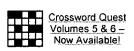
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Collegiate® Dictionary

Collegiate® Thesaurus

Help

Thesaurus

Main Entry: ²box Function: noun

Etymology: Middle English, from Old English, from Late Latin

buxis, from Greek pyxis, from pyxos box tree

Date: before 12th century

1: a rigid typically rectangular container with or without a cover <a cigar box>: as a: an open cargo container of a vehicle b: COFFIN

2: the contents of a box especially as a measure of quantity

3: a box or boxlike container and its contents: as a British: a gift in a box b: an automobile transmission c: TELEVISION d: a signaling apparatus <alarm box> e: a usually self-contained piece of electronic equipment f: BOOM BOX

4: an often small space, compartment, or enclosure: as a: an enclosed group of seats for spectators (as in a theater or stadium)

b: a driver's seat on a carriage or coach **c**: a cell for holding mail

d British: BOX STALL e: PENALTY BOX

5: a usually rectangular space that is frequently outlined or demarcated on a surface: as a: any of six spaces on a baseball diamond where the batter, coaches, pitcher, and catcher stand b: a space on a page for printed matter or in which to make a mark

6: PREDICAMENT, FIX

7: a cubical building

- box·ful /- ful/ noun
- box·like /-"11k/ adjective

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